



**REQUEST FOR APPROVAL OF ALTERNATIVE FEATURE
OF TECHNOLOGY, DESIGN, SETBACK, INSTALLATION, OR OPERATION
PER A.A.C. R18-9-A312(G)**

SUBDIVISION: Doney Park Area **UNIT #** _____ **LOT #** _____
ASSESSOR'S PARCEL # _____ **SIZE IN ACRES:** _____
PROPERTY ADDRESS: _____

NAME: _____ TELEPHONE/FAX # _____

ADDRESS: _____ CITY/STATE/ZIP: _____

NAME: _____ TELEPHONE/FAX # _____

ADDRESS: _____ CITY/STATE/ZIP: _____

NAME: _____ TELEPHONE/FAX # _____

ADDRESS: _____ CITY/STATE/ZIP: _____

- | | | |
|---|--|---|
| 1. | Rule Citation of Requirement for Which Change is Requested: | (A.A.C.)R18-9-A312(E 1.-2 & 3) |
| <hr/> | | |
| 2. | Description of Requested Change: | <p>Allowable minimum vertical separation from the bottom of the constructed disposal field to the top of the nearest limiting condition is dependent on the ability of the facility to reduce harmful microorganisms.</p> <p>System installation in this region, due to characteristically highly permeable soils, observed in backhoe excavations, would not qualify for the use of conventional systems. It has been established through substantial geological information (see file) and well driller logs that the permeable layer is not constant to the water table. The lithology for the area shows several layers that would be less permeable than the shallow volcanics observed.</p> |
| <hr/> | | |
| 3. | Justification for Requested Change
(Please attach any necessary calculations, drawings, or other supporting documentation): | |
| <p>It is proposed due to documented lithology for the area, that it would be reasonable to assume the highly permeable soils are more typically limited to the upper horizons as observed in test pits. Because we know these soils are layered with differing strata and permeability, it would be reasonable to assume that the transference of harmful microorganisms to the aquifer</p> | | |

would be greatly slowed through the soils of lesser permeability.

To alleviate the concerns of the "potential" impact of impairing the aquifer, the historical approach as mapped out in Engineering Bulletin No. 12, "Management of Nitrogen" can be applied due to the presence of a local regulated water purveyor for the area. Please see attached document.

It is proposed that, in the regions serviced and therefore regulated by Doney Park Water Company, be allowed to utilize conventional wastewater disposal systems until which time it may be determine that a threat to impact the aquifer may exist. At this time, the education and enforcement actions shall be addressed per the Bulletin 12 guidelines.